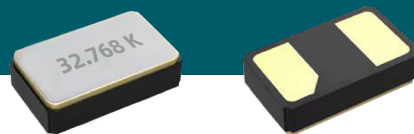


➤ 1.1 32.768kHz Crystals

32.768KHz Crystal is a passive electronic component that uses the piezoelectric effect of quartz crystals to generate high-precision oscillation frequencies, mainly used in timing circuits.



Key Features

Ultra-small and ultra-thin package, high-precision.

Main product is 32.768KHz crystal, 1610 size, ± 20 ppm high precision, $-40\sim+85^{\circ}\text{C}$ operating temperature.

Application

Automotive electronics: Central control instrument, Multimedia entertainment system, Driving recorder, T-BOX, etc.

Smart terminals: Wearable electronic, Mobile phone, Digital camera, Pad, PC, Multi-function calculator, Bluetooth headset, etc.

Smart home appliances: Air conditioner, Refrigerator, Washing machine, Rice cooker, Water heater, etc.

Smart home: Smart lock, Sweeping robot, etc.

Smart office: Attendance Machine, POS machine, etc.

Communication devices: Switch, Server, etc.

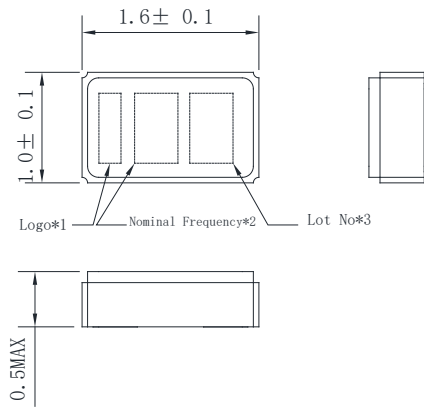
Security buildings: IPC, Access control, Smoke detector, etc.

Meters: Electric meter, Water meter, Gas meter, etc.

Crystals (Frequency Range kHz)

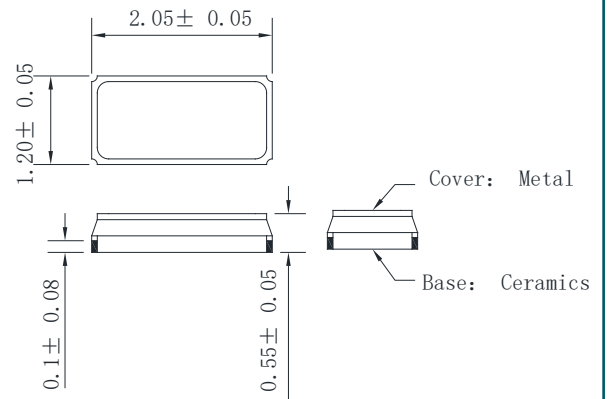
Part Number	Package(mm)	Frequency Range (kHz)	Frequency Accuracy @25°C(ppm)	Operating Temperature (°C)	Load Capacitance (pF)
kHz Crystal Series	1.60×1.00×0.45	32.768	± 20	$-40 \sim +85$	4.0/6.0/7.0/9.0/12.5
	2.00×1.20×0.55	32.768	± 20	$-40 \sim +85$ $-40 \sim +125$	6.0/7.0/9.0/12.5
	3.20×1.50×0.80	32.768	± 20	$-40 \sim +85$ $-40 \sim +125$	6.0/7.0/9.0/12.5

1610



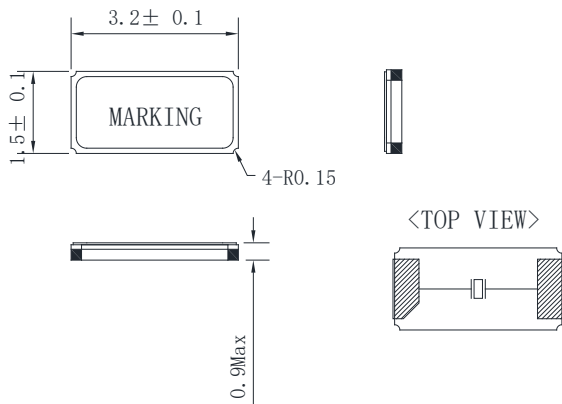
unit:mm

2012



unit:mm

3215



unit:mm